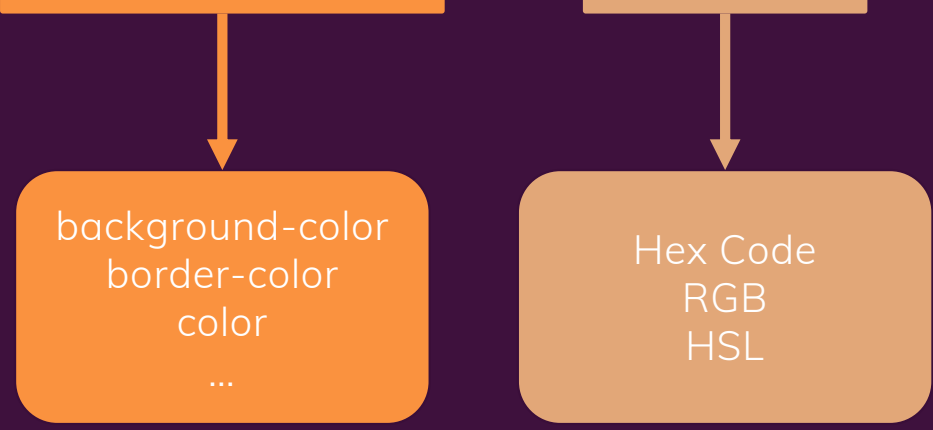


Working with Colors

You can define your own colors – there are over 16mn colors to choose from!

Colors can be defined for **various CSS properties** and in **different ways**



```
graph TD; A[various CSS properties] --> B[background-color<br/>border-color<br/>color<br/>...]; A --> C[Hex Code<br/>RGB<br/>HSL];
```

background-color
border-color
color
...

Hex Code
RGB
HSL

Defining Colors

Hex Code

Every color has its own unique hexadecimal identifier (can be split into red, green, blue “parts”)

#fa923f
(i.e. red: fa => 250, ...)

6 characters between 0 and f each (can be shortened to 3 characters if each pair is equal: #ffcc00 → #fc0)

RGB

Every color is created by combining a red, green and blue decimal value

rgb(250, 147, 63)

Every value must be between 0 and 255. It's the decimal version of hex numbers: #fa923f → rgb(250, 147, 63)

HSL

Every color is created by combining a hue, saturation and lightness

hsl(27, 95, 61)

Hue is an angle and hence must be between 0 and 359, saturation and lightness are percentages (0-100)